

**Amendments to the Specification:**

Please insert the independently numbered pages 1/16-16/16 containing the Sequence Listing into the present application.

Please amend the paragraph at page 9, line 29 as follows:

--Figure 5 shows homologies between CD34 family orthologs and homologs (SEQ ID NOS:1-9). --

Please amend the paragraph at page 20, line 6 as follows:

--The inventors have created a monoclonal antibody to endoglycan (Example 2). Accordingly, in another embodiment, the endoglycan protein is detected using a monoclonal antibody raised against a peptide having the sequence **V A S M E D P G Q A P D L P N L P S I L P K M D L A E P P W H M P L Q G C** (SEQ ID NO: 10) that specifically binds to endoglycan.--

Please amend the paragraph beginning at page 45, line 21 as follows:

--To make the rat monoclonal antibody, rats were immunized with a peptide corresponding to sequence from the extracellular domain: **V A S M E D P G Q A P D L P N L P S I L P K M D L A E P P W H M P L Q G G C** (SEQ ID NO: 10) linked to KLH and boosted with the entire extracellular domain fused to the Fc portion of Rabbit IgG1. Hybridomas were made using standard protocols and antibodies from these hybridomas were screened for reactivity with the peptide and Fc-fusion protein by ELISA. They were also screened for the ability to stain a rat myeloma cell line, Y3, which had been transfected to express full length Endoglycan. One antibody passed all criteria (F4B10). This antibody did not react with Y3 cells expressing CD34 or Podocalyxin so the antibody is specific for Endoglycan and not related family members (Figure 6). In addition, this antibody reacts with mouse and human Endoglycan and so it may be a useful reagent for both species.--